Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-09-11-29** **Date: 10/06/2019**

Customer : Assistant Executive Engineer,Project Sub Division, BBMP, Bangalore.

Address : Project Sub Division, BBMP, Bangalore.

Project Name : Improvements to Drains of Roads Next to Ayyappa Temple of Jakkur Layout in Ward No.07 and Improvements to Drains of Cross Roads of Jakkur Layout in Ward No.07, Byatarayanapura.

Agency : Sri.Ramesh U, #171, 8th Cross CIL Layout, Near Narayana School, Cholonayakanahalli, RT Nagar Post, Bangalore-32.

Customer's Reference : EE(Project)/Ynk Zone/WO/24/19-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 06-06-19

Customer ID : PCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 10/06/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	03/06/2019	10/06/2019	151.20 X 150.14 X 150.71	22701	**8.029**	288.5	12.7	12.5
2	PCC	M15	03/06/2019	10/06/2019	149.34 X 151.71 X 150.32	22656	**8.194**	284.1	12.5	
3	PCC	M15	03/06/2019	10/06/2019	151.53 X 149.30 X 149.46	22623	**8.324**	279.7	12.4	

Note:
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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

AE

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 17/06/2019

Lab ID	:	**CP-2019-09-11-29**
Customer	:	Assistant Executive Engineer,Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Drains of Roads Next to Ayyappa Temple of Jakkur Layout in Ward No.07 and Improvements to Drains of Cross Roads of Jakkur Layout in Ward No.07, Byatarayanapura.
Agency	:	Sri.Ramesh U, #171, 8th Cross CIL Layout, Near Narayana School, Cholonayakanahalli, RT Nagar Post, Bangalore-32.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/24/19-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-06-2019
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 14 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	17/06/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	03/06/2019	17/06/2019	150.70 X 150.08 X 151.82	22617	**8.029**	282.9	12.5	14.6
2	PCC	M15	03/06/2019	17/06/2019	149.08 X 150.90 X 149.64	22497	**8.194**	290.2	12.9	
3	PCC	M15	03/06/2019	17/06/2019	150.94 X 151.14 X 151.43	22814	**8.324**	287.0	12.6	

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Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 01/07/2019

Lab ID	:	**CP-2019-09-11-29**
Customer	:	Assistant Executive Engineer,Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Drains of Roads Next to Ayyappa Temple of Jakkur Layout in Ward No.07 and Improvements to Drains of Cross Roads of Jakkur Layout in Ward No.07, Byatarayanapura.
Agency	:	Sri.Ramesh U, #171, 8th Cross CIL Layout, Near Narayana School, Cholonayakanahalli, RT Nagar Post, Bangalore-32.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/24/19-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-06-2019
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 01/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	03/06/2019	01/07/2019	150.59 X 150.09 X 149.85	22603	**8.036**	396.8	17.6	17.3
2	PCC	M15	03/06/2019	01/07/2019	150.20 X 150.34 X 149.44	22581	**8.756**	388.7	17.2	
3	PCC	M15	03/06/2019	01/07/2019	149.80 X 151.42 X 151.13	22682	**8.805**	388.9	17.1	

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Bangalore

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Quality Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 11/06/2019

Lab ID	:	**CP-2019-09-11-29**
Customer	:	Assistant Executive Engineer,Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Drains of Roads Next to Ayyappa Temple of Jakkur Layout in Ward No.07 and Improvements to Drains of Cross Roads of Jakkur Layout in Ward No.07, Byatarayanapura.
Agency	:	Sri.Ramesh U, #171, 8th Cross CIL Layout, Near Narayana School, Cholonayakanahalli, RT Nagar Post, Bangalore-32.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/24/19-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-06-2019
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	11/06/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	04/06/2019	11/06/2019	149.31 X 151.16 X 150.43	22569	**8.630**	416.0	18.4	18.6
2	Drain Bottom Slab Concrete	M20	04/06/2019	11/06/2019	151.72 X 150.95 X 150.49	22902	**8.692**	423.3	18.5	
3	Drain Bottom Slab Concrete	M20	04/06/2019	11/06/2019	150.38 X 149.24 X 149.79	22442	**8.570**	424.4	18.9	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 18/06/2019

Lab ID	:	**CP-2019-09-11-29**
Customer	:	Assistant Executive Engineer,Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Drains of Roads Next to Ayyappa Temple of Jakkur Layout in Ward No.07 and Improvements to Drains of Cross Roads of Jakkur Layout in Ward No.07, Byatarayanapura.
Agency	:	Sri.Ramesh U, #171, 8th Cross CIL Layout, Near Narayana School, Cholonayakanahalli, RT Nagar Post, Bangalore-32.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/24/19-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-06-2019
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 14 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	18/06/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	04/06/2019	18/06/2019	151.62 X 151.41 X 151.31	22957	**8.699**	417.6	18.2	20.5
2	Drain Bottom Slab Concrete	M20	04/06/2019	18/06/2019	149.82 X 150.10 X 151.00	22488	**8.400**	405.4	18.0	
3	Drain Bottom Slab Concrete	M20	04/06/2019	18/06/2019	149.52 X 151.42 X 149.74	22640	**8.577**	425.7	18.8	

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 02/07/2019

Lab ID	:	**CP-2019-09-11-29**
Customer	:	Assistant Executive Engineer,Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Drains of Roads Next to Ayyappa Temple of Jakkur Layout in Ward No.07 and Improvements to Drains of Cross Roads of Jakkur Layout in Ward No.07, Byatarayanapura.
Agency	:	Sri.Ramesh U, #171, 8th Cross CIL Layout, Near Narayana School, Cholonayakanahalli, RT Nagar Post, Bangalore-32.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/24/19-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-06-2019
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 02/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	04/06/2019	02/07/2019	150.00 X 149.83 X 149.70	22476	**8.088**	530.1	23.6	23.2
2	Drain Bottom Slab Concrete	M20	04/06/2019	02/07/2019	151.16 X 149.53 X 151.80	22603	**8.127**	515.2	22.8	
3	Drain Bottom Slab Concrete	M20	04/06/2019	02/07/2019	150.09 X 149.65 X 150.21	22461	**8.923**	521.7	23.2	

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Project Division
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Bangalore

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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 11/06/2019

Lab ID	:	**CP-2019-09-11-29**
Customer	:	Assistant Executive Engineer,Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Drains of Roads Next to Ayyappa Temple of Jakkur Layout in Ward No.07 and Improvements to Drains of Cross Roads of Jakkur Layout in Ward No.07, Byatarayanapura.
Agency	:	Sri.Ramesh U, #171, 8th Cross CIL Layout, Near Narayana School, Cholonayakanahalli, RT Nagar Post, Bangalore-32.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/24/19-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-06-2019
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	11/06/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	04/06/2019	11/06/2019	151.02 X 151.93 X 149.40	22944	**8.630**	425.5	18.5	18.7
2	Drain Bottom Slab Concrete	M20	04/06/2019	11/06/2019	150.22 X 150.30 X 149.23	22578	**8.692**	428.4	19.0	
3	Drain Bottom Slab Concrete	M20	04/06/2019	11/06/2019	149.90 X 151.00 X 151.00	22635	**8.570**	421.6	18.6	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 18/06/2019

Lab ID	:	**CP-2019-09-11-29**
Customer	:	Assistant Executive Engineer,Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Drains of Roads Next to Ayyappa Temple of Jakkur Layout in Ward No.07 and Improvements to Drains of Cross Roads of Jakkur Layout in Ward No.07, Byatarayanapura.
Agency	:	Sri.Ramesh U, #171, 8th Cross CIL Layout, Near Narayana School, Cholonayakanahalli, RT Nagar Post, Bangalore-32.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/24/19-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-06-2019
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 14 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	18/06/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	04/06/2019	18/06/2019	151.76 X 149.66 X 149.72	22713	**8.699**	429.9	18.9	20.6
2	Drain Bottom Slab Concrete	M20	04/06/2019	18/06/2019	151.84 X 150.43 X 149.89	22841	**8.400**	411.3	18.0	
3	Drain Bottom Slab Concrete	M20	04/06/2019	18/06/2019	150.78 X 149.46 X 151.69	22535	**8.577**	416.7	18.5	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-09-11-29** **Date: 02/07/2019**

Customer : Assistant Executive Engineer,Project Sub Division, BBMP, Bangalore.

Address : Project Sub Division, BBMP, Bangalore.

Project Name : Improvements to Drains of Roads Next to Ayyappa Temple of Jakkur Layout in Ward No.07 and Improvements to Drains of Cross Roads of Jakkur Layout in Ward No.07, Byatarayanapura.

Agency : Sri.Ramesh U, #171, 8th Cross CIL Layout, Near Narayana School, Cholonayakanahalli, RT Nagar Post, Bangalore-32.

Customer's Reference : EE(Project)/Ynk Zone/WO/24/19-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 06-06-2019

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 02/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	04/06/2019	02/07/2019	149.95 X 150.29 X 151.32	22535	**8.088**	540.2	24.0	23.5
2	Drain Bottom Slab Concrete	M20	04/06/2019	02/07/2019	149.60 X 150.37 X 149.54	22495	**8.127**	511.3	22.7	
3	Drain Bottom Slab Concrete	M20	04/06/2019	02/07/2019	149.91 X 150.92 X 150.60	22624	**8.923**	537.5	23.8	

Note:

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Yelahanka Zone
Bangalore

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 11/06/2019

Lab ID	:	**CP-2019-09-11-29**
Customer	:	Assistant Executive Engineer,Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Drains of Roads Next to Ayyappa Temple of Jakkur Layout in Ward No.07 and Improvements to Drains of Cross Roads of Jakkur Layout in Ward No.07, Byatarayanapura.
Agency	:	Sri.Ramesh U, #171, 8th Cross CIL Layout, Near Narayana School, Cholonayakanahalli, RT Nagar Post, Bangalore-32.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/24/19-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-06-2019
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 11/06/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	04/06/2019	11/06/2019	150.67 X 150.58 X 151.14	22687	**8.630**	423.6	18.7	18.5
2	Drain Bottom Slab Concrete	M20	04/06/2019	11/06/2019	151.14 X 150.01 X 149.27	22673	**8.692**	412.0	18.2	
3	Drain Bottom Slab Concrete	M20	04/06/2019	11/06/2019	149.75 X 149.10 X 151.87	22327	**8.570**	416.4	18.7	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 18/06/2019

Lab ID	:	**CP-2019-09-11-29**
Customer	:	Assistant Executive Engineer,Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Drains of Roads Next to Ayyappa Temple of Jakkur Layout in Ward No.07 and Improvements to Drains of Cross Roads of Jakkur Layout in Ward No.07, Byatarayanapura.
Agency	:	Sri.Ramesh U, #171, 8th Cross CIL Layout, Near Narayana School, Cholonayakanahalli, RT Nagar Post, Bangalore-32.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/24/19-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-06-2019
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 14 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	18/06/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	04/06/2019	18/06/2019	150.92 X 149.47 X 149.08	22558	**8.699**	417.3	18.5	20.8
2	Drain Bottom Slab Concrete	M20	04/06/2019	18/06/2019	151.02 X 150.30 X 149.28	22699	**8.400**	415.5	18.3	
3	Drain Bottom Slab Concrete	M20	04/06/2019	18/06/2019	150.19 X 151.55 X 150.69	22760	**8.577**	421.9	18.5	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

AE

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

CIVIL Pro Sig. Date. BANGALORE

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-09-11-29** **Date: 02/07/2019**

Customer : Assistant Executive Engineer,Project Sub Division, BBMP, Bangalore.

Address : Project Sub Division, BBMP, Bangalore.

Project Name : Improvements to Drains of Roads Next to Ayyappa Temple of Jakkur Layout in Ward No.07 and Improvements to Drains of Cross Roads of Jakkur Layout in Ward No.07, Byatarayanapura.

Agency : Sri.Ramesh U, #171, 8th Cross CIL Layout, Near Narayana School, Cholonayakanahalli, RT Nagar Post, Bangalore-32.

Customer's Reference : EE(Project)/Ynk Zone/WO/24/19-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 06-06-2019

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 02/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	04/06/2019	02/07/2019	151.33 X 150.43 X 151.56	22765	**8.088**	538.1	23.6	23.2
2	Drain Bottom Slab Concrete	M20	04/06/2019	02/07/2019	151.19 X 151.34 X 150.31	22881	**8.127**	505.5	22.1	
3	Drain Bottom Slab Concrete	M20	04/06/2019	02/07/2019	151.14 X 151.62 X 151.85	22916	**8.923**	544.6	23.8	

Note:
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Yelahanka Zone
Bangalore

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-09-11-29** **Date: 11/06/2019**

Customer : Assistant Executive Engineer,Project Sub Division, BBMP, Bangalore.

Address : Project Sub Division, BBMP, Bangalore.

Project Name : Improvements to Drains of Roads Next to Ayyappa Temple of Jakkur Layout in Ward No.07 and Improvements to Drains of Cross Roads of Jakkur Layout in Ward No.07, Byatarayanapura.

Agency : Sri.Ramesh U, #171, 8th Cross CIL Layout, Near Narayana School, Cholonayakanahalli, RT Nagar Post, Bangalore-32.

Customer's Reference : EE(Project)/Ynk Zone/WO/24/19-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 06-06-2019

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 11/06/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	04/06/2019	11/06/2019	151.99 X 149.84 X 149.43	22774	**8.630**	428.9	18.8	18.7
2	Drain Bottom Slab Concrete	M20	04/06/2019	11/06/2019	151.39 X 151.79 X 150.40	22980	**8.692**	421.6	18.3	
3	Drain Bottom Slab Concrete	M20	04/06/2019	11/06/2019	150.85 X 149.32 X 151.63	22524	**8.570**	426.2	18.9	

Note:

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AE(WZ)

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

CIVIL Pro Sig. Date

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****